Index of Claims



Application/Control No.

10/005,137

Examiner

Dilek B. Cobanoglu

Applicant(s)/Patent under Reexamination

HAMBRIGHT ET AL.

Art Unit

3626

| √ | Rejected |
|----------|----------|
| = | Allowed |

(Through numeral)
Cancelled

Restricted

Non-Elected

I Interference

A Appeal
O Objected

| | | | _ | | | | ' | | | |
|--|--|----------------|--|--|--|--|----------|--|----------|----------|
| Cla | Date | | | | | | | | | |
| Final | Original | | 5/22/06 | | | | | | | |
| | 1 | - | 1 | - | | | | - | | \dashv |
| | 2 | | 7 | | | | | | | |
| | 1 2 3 | | \top | | | | | | | |
| | 4 | | П | | _ | | | | | |
| | 4 5 | | Π | | | | | | | |
| | 6 | | Π | | | | | | | |
| | 7 | | П | | | | | | | |
| | 8 | | П | | | | | | | |
| | 9 | | Ш | | | | | | | |
| | 10 | L | Ш | | | | | Ш | | |
| <u> </u> | 11 12 13 14 15 16 17 18 | L | Щ | L_ | Щ | Ш | L_ | Ш | | Ш |
| | 12 | <u> </u> | Ш | \vdash | <u> </u> | lacksquare | Щ | L_ | L | Щ |
| | 13 | ļ | Ц. | | <u> </u> | Щ | <u> </u> | Щ | | Щ |
| <u> </u> | 14 | <u> </u> | ╀ | | <u> </u> | <u> </u> | <u> </u> | \vdash | | Щ |
| | 15 | <u> </u> | ₩ | <u> </u> | <u> </u> | <u> </u> | Ь. | <u> </u> | <u> </u> | Н |
| _ | 10 | ⊢ | H | H | | | _ | <u> </u> | - | \vdash |
| <u> </u> | 10 | <u> </u> | ₩ | H | H | - | _ | _ | - | Н |
| | 10 | - | ₩ | H | H | - | | <u> </u> | | Н |
| <u> </u> | 20 | ⊢ | Н- | ⊢ | \vdash | _ | ⊢ | ⊢ | | Н |
| | 20 21 22 | ⊢ | H | ⊢ | ⊢ | \vdash | ⊢ | \vdash | \vdash | Н |
| \vdash | 22 | \vdash | Н | \vdash | ┝ | \vdash | \vdash | \vdash | \vdash | Н |
| | 23 | - | Н | | - | - | | - | ┢ | H |
| | 23 24 | | Н | ┢ | \vdash | ┢ | | ┢╌ | - | Н |
| ┢ | 25 | \vdash | H | \vdash | \vdash | \vdash | Н | \vdash | \vdash | H |
| | 26 | | 4 | | - | 1 | | | | H |
| | 26 27 | | 1 | | | | | ┢ | | Н |
| | 28 29 | | Г | Т | | | Г | | | П |
| | 29 | | | | | | | | | П |
| | 30 | | | | | | | | | |
| | 31 | | | | | | | | | |
| | 31 32 33 | | | | | | | | | |
| | 33 | \Box | | Ĺ | | | | 匚 | | |
| | 34 | \vdash | | $ldsymbol{oxedsymbol{oxedsymbol{oxedsymbol{oxedsymbol{eta}}}}$ | lacksquare | <u> </u> | _ | <u> </u> | <u> </u> | Ш |
| <u> </u> | 35 | <u> </u> | _ | <u> </u> | <u> </u> | <u> </u> | <u> </u> | L_ | <u> </u> | Ш |
| <u> </u> | 36 37 | | <u> </u> | <u> </u> | \vdash | $ldsymbol{ldsymbol{ldsymbol{eta}}}$ | _ | | L | Щ |
| <u> </u> | 37 | \vdash | \vdash | <u> </u> | Ь. | <u> </u> | <u> </u> | <u> </u> | _ | Ш |
| <u> </u> | 38 | <u> </u> | <u> </u> | — | | ┞ | <u> </u> | <u> </u> | <u> </u> | Щ |
| - | 39 | ļ | | ├ | ⊢ | <u> </u> | ļ | - | <u> </u> | Н |
| | 40 | \vdash | \vdash | ├ | ├— | \vdash | ├ | - | ├ | |
| - | 41 | - | 1 | ⊢ | - | ├- | ├- | - | ⊢ | \vdash |
| | 42 43 | \vdash | \vdash | ⊢ | \vdash | | ├ | - | - | \vdash |
| \vdash | 44 | - | \vdash | ╁ | \vdash | ├- | ┝ | - | \vdash | \vdash |
| <u> </u> | 45 | \vdash | - | \vdash | ┝ | ⊢ | \vdash | \vdash | \vdash | \vdash |
| | 46 | - | ╁─ | \vdash | \vdash | \vdash | \vdash | \vdash | \vdash | H |
| - | 47 | ╁╌ | | | ╁ | \vdash | \vdash | \vdash | ╁ | \vdash |
| | 48 | \vdash | \vdash | \vdash | - | | 1 | \vdash | ╁ | \vdash |
| | 49 | \vdash | - | | \vdash | \vdash | \vdash | | \vdash | \vdash |
| | 50 | Т | \vdash | t^- | | \vdash | \vdash | t^- | \vdash | \vdash |
| | | Ц_ | | | | Ц. | ٠ | ــــــــــــــــــــــــــــــــــــــ | | |

| E E | Cla | im | | | | | Date | | | | |
|---|----------|-----|-------------------------------------|--|---|--|--------------|--------------|----------|----------|-------|
| 51 52 53 54 55 66 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 | | | | | | | | | | | |
| 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 | Final | | | | | | | | | | |
| 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 | | 51 | | | | | | | | | |
| 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 | | 52 | | | | | | | | | |
| 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 | | 53 | | | | | | | | | |
| 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 | | 54 | | | | | | | | | |
| 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 | | 55 | | | | | | | | | |
| 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 | | 56 | | | | | | | | | |
| 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 | | | П | | | | | | | | |
| 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 | | 58 | \Box | | | | | | | \vdash | |
| 60 61 62 63 64 65 66 67 68 69 70 71 71 72 73 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 88 89 90 90 91 91 92 93 94 95 96 97 98 | | 59 | | _ | - | _ | | | | \vdash | |
| 61 62 63 64 65 66 67 68 69 70 71 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 | | | | | _ | _ | _ | | | | |
| 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 | | 61 | | \vdash | | | | _ | | | |
| 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 | | 62 | | - | | | - | | | Н | |
| 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 | | 63 | - | | | | - | _ | | \vdash | |
| 65 66 67 68 69 70 71 72 73 74 75 76 77 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 | - | 64 | - | _ | - | _ | Н | - | - | Н | |
| 66 67 68 68 69 70 70 71 71 72 73 74 75 76 76 77 77 78 78 79 80 81 82 83 84 85 86 87 88 89 99 90 90 91 91 92 93 93 94 99 99 99 99 99 99 99 99 99 99 99 99 | \vdash | 65 | Н | \vdash | | _ | Н | - | | Н | - |
| 67 68 69 70 71 72 73 74 75 76 77 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 | - | 66 | | - | - | | | | | | - |
| 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 | - | 67 | \vdash | Н | | _ | | _ | - | \vdash | |
| 69 70 71 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 91 92 93 94 95 96 97 98 | <u> </u> | 60 | Н | Н | - | _ | | _ | - | _ | |
| 70 71 72 73 74 75 76 77 78 78 79 80 81 81 82 83 84 85 86 87 88 89 90 91 91 92 93 94 95 96 97 98 | | 60 | Н | Н | _ | | | | - | | |
| 71 72 73 74 75 76 77 78 79 80 80 81 81 82 83 84 85 86 87 88 89 90 91 91 92 93 94 95 96 97 98 | \vdash | | _ | Н | | | _ | _ | | _ | _ |
| 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 | <u> </u> | 70 | | | _ | _ | - | | _ | \vdash | - |
| 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 91 92 93 94 95 96 97 98 | | 71 | | | _ | | L. | _ | _ | \vdash | _ |
| 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 91 92 93 94 95 96 97 98 | <u> </u> | 72 | | | | | L | | | Ш | |
| 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 91 92 93 94 95 96 97 98 | | 73 | | | | | | _ | | L. | |
| 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 91 92 93 94 95 96 97 98 | <u> </u> | 74 | | | | | | | | Ш | |
| 77 78 79 80 81 81 82 83 84 85 86 87 88 89 90 91 91 92 93 94 95 96 97 98 | <u> </u> | | _ | | _ | | \vdash | ш | _ | | _ |
| 78 79 80 81 82 83 84 85 86 87 88 89 90 91 91 92 93 94 95 96 97 | | 76 | Щ | | | | | _ | | | |
| 79 80 81 81 82 83 84 85 86 87 88 89 90 91 91 92 93 94 94 95 96 97 | | | | | | | | | | _ | |
| 80 81 82 83 84 85 86 87 88 89 90 91 91 92 93 94 95 96 97 98 | | 78 | | | | _ | _ | _ | L | | |
| 81 82 83 84 85 86 87 88 89 90 91 91 92 93 94 95 96 97 98 | ļ | | | | | Ц. | | | | | _ |
| 82 83 84 85 86 87 88 89 90 91 91 92 93 93 94 95 96 97 | ļ | 80 | _ | | | | $oxed{oxed}$ | | Ш | L. | L |
| 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 | - | 81 | $ldsymbol{ldsymbol{ldsymbol{eta}}}$ | _ | | | L | | | Щ | |
| 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 | | 82 | $oxed{oxed}$ | L | | | L | | | <u> </u> | |
| 85 86 87 88 89 90 91 92 93 94 95 96 97 98 | | | L | Ш | | | _ | _ | L_ | L | |
| 86 87 88 89 90 91 92 93 94 95 96 97 98 | | 84 | Щ | $oxed{oxed}$ | | $ldsymbol{ld}}}}}}$ | L_ | L_ | L. | | _ |
| 87 88 89 90 91 91 92 93 94 95 96 97 98 | <u> </u> | | $oxed{oxed}$ | Ш | Ш | <u>L</u> | L_ | <u> </u> | L | | L |
| 88 89 90 91 92 93 94 95 96 97 98 | | 86 | $oxed{\Box}$ | $ldsymbol{ldsymbol{ldsymbol{eta}}}$ | | _ | | L | | | |
| 89 90 91 92 93 94 95 96 97 98 99 | <u> </u> | 87 | | $oxed{oxed}$ | | <u> </u> | <u> </u> | L_ | | | L |
| 90 91 92 93 94 95 96 97 98 99 | <u> </u> | | Ш | $oxed{oxed}$ | Ш | L | L. | <u> </u> | <u> </u> | | _ |
| 91 92 93 94 95 96 97 98 99 | <u> </u> | 89 | \Box | $ldsymbol{ldsymbol{ldsymbol{eta}}}$ | Ш | | <u> </u> | <u> </u> | _ | _ | L |
| 92 93 94 95 96 97 98 99 | L | | $ldsymbol{ldsymbol{ldsymbol{eta}}}$ | $ldsymbol{ld}}}}}}$ | | L. | L_ | <u></u> | L_ | | L. |
| 93 94 95 96 97 98 99 | L | 91 | L | <u> </u> | | <u> </u> | <u> </u> | <u> </u> | <u> </u> | <u></u> | oxdot |
| 94 95 96 97 98 99 | | 92 | <u> </u> | | | | | L_ | <u> </u> | _ | L |
| 95 96 97 98 99 | | 93 | <u> </u> | $ldsymbol{ld}}}}}}$ | | $oxed{oxed}$ | $oxed{oxed}$ | $oxed{oxed}$ | L | L | L |
| 96 97 98 99 | | 94 | | | | L | | | \Box | L | L |
| 97 98 99 | | 95 | | | L | | | | | | Ĺ |
| 98 99 | | 96 | | | | L | | | L | | |
| 99 | | 97 | | | | | | L | Ĺ | | |
| 99 | | 98 | | | | | | | | | |
| 100 | | 99 | | | | | | | | | |
| | | 100 | | | | | | | | | |

| <u> </u> | | | | | | | | | | | |
|----------|---|----------|----------|--------------|--------------|-------------------------------------|----------|--------------|----------|-----------------|--|
| Claim | | Date | | | | | | | | | |
| Final | Original | | | | | | | | | | |
| | 101 102 103 | | | | | | | | | | |
| | 102 | \Box | | | | | | | | | |
| | 103 | _ | | | | | | _ | _ | _ | |
| | 104 | | | | | | _ | | - | _ | |
| | 105 106 | _ | | | | | | _ | _ | _ | |
| | 106 | | | | <u> </u> | | | - | _ | 4 | |
| | 107 | - | | | | | | | | | |
| | 109 | | - | _ | - | Н | | - | | ᅱ | |
| | 110 | - | | | - | \vdash | \vdash | \dashv | - | ᅱ | |
| | 110 111 | | | | | | | | | 一 | |
| | 112 | \vdash | Н | _ | Т | Н | Н | | | \dashv | |
| | 113 | | | | | | | | | \dashv | |
| | 113 114 115 | | | | | | | | | | |
| | 115 | | | | | | | | | | |
| | 116 | | | | | | | | | | |
| | 117 | | | | L | | Ш | | | | |
| | 118 | | | | _ | | Ш | | Ш | _ | |
| | 119 | | | | | <u> </u> | | | Щ | | |
| | 120 | | | | _ | - | | | | \dashv | |
| | 121 | _ | | | | ⊢ | | - | \vdash | Н | |
| | 122 | | | | ├- | H | | | H | Н | |
| | 124 | | \vdash | | \vdash | - | Н | - | \vdash | \dashv | |
| | 125 | _ | - | - | ┢ | ┢ | Н | | | \dashv | |
| | 126 | \vdash | | | | | Н | | \vdash | \dashv | |
| | 127 | | | | | | | | \vdash | \dashv | |
| | 128 | | | | | | | | | | |
| | 121 122 123 124 125 126 127 128 129 130 131 | | | | | | | | | | |
| | 130 | | | | | | | | | | |
| | 131 | | | | | | | | | | |
| | 132 133 | <u> </u> | | L | L | $ldsymbol{ldsymbol{ldsymbol{eta}}}$ | \Box | oxdot | Ш | Ш | |
| | 133 | <u> </u> | <u> </u> | L_ | <u> </u> | <u> </u> | \vdash | _ | <u> </u> | Ш | |
| | 134 135 | <u> </u> | <u> </u> | <u> </u> | | \vdash | <u> </u> | | ┝ | Н | |
| | 135 | ├ | \vdash | <u> </u> | - | \vdash | - | | - | Н | |
| | 130 | ├- | <u> </u> | <u> </u> | | ├- | - | Ш | ⊢ | H | |
| _ | 138 | \vdash | \vdash | \vdash | - | ├ | - | _ | ├- | Н | |
| | 137 138 139 | | H | | - | \vdash | | \vdash | \vdash | $\vdash \vdash$ | |
| | 140 | H | \vdash | \vdash | H | \vdash | \vdash | | H | H | |
| | 141 | \vdash | \vdash | \vdash | Т | \vdash | <u> </u> | <u> </u> | \vdash | Н | |
| | 142 | | Ι_ | Γ | 1 | \Box | Г | Г | | П | |
| | 143 | | | | | | | | | | |
| | 144 | | | | | | | | | | |
| | 145 | | | | | | | | | | |
| | 146 | | 匚 | | | 匚 | | | | | |
| | 147 | | | | L | 匚 | | \Box | Ĺ | | |
| | 148 | Щ | _ | | L | _ | L | <u> </u> | L | Ш | |
| | 149 | ldash | <u> </u> | L | <u> </u> | L | | <u> </u> | <u> </u> | Ш | |
| | 150 | L_ | | L_ | L | <u>L</u> _ | <u> </u> | L_{L} | <u> </u> | $oxed{oxed}$ | |